<u>IN THE CLAIMS:</u>

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A computer accessible memory medium ~~comprising~~ <u>storing</u> program instructions executable by a processor to:

receive <u>from a requesting program</u> a request ~~for information regarding an~~ <u>to determine an invocation</u> interface of a <u>stored</u> graphical program<u>, wherein the invocation interface is usable to invoke execution of the graphical program</u>;

programmatically determine the ~~information regarding the~~ <u>invocation</u> interface of the graphical program[[,]] <u>in response to the request, wherein programmatically determining the invocation interface includes programmatically determining one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and</u> ~~wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and~~

return ~~the~~ information ~~regarding~~ <u>specifying</u> the <u>invocation</u> interface of the graphical program <u>to the requesting program</u>.

2. (Cancelled).

3. (Currently Amended) The computer accessible memory medium of claim 1,

~~wherein said programmatically determining the information regarding the interface of the graphical program comprises programmatically determining information regarding one or more parameters for invoking the graphical program; and~~

wherein said returning the information ~~regarding~~ <u>specifying</u> the <u>invocation</u> interface of the graphical program comprises returning ~~the~~ information ~~regarding~~

2

specifying the one or more parameters that should be passed to ~~for invoking~~ the graphical program.

4. (Currently Amended) The computer accessible memory medium of claim 3,

wherein said programmatically determining the ~~information regarding the~~ one or more parameters ~~for invoking the graphical program~~ comprises programmatically determining data types of the one or more parameters; and ~~for invoking the graphical program; and~~

wherein said returning the information ~~regarding~~ specifying the one or more parameters ~~for invoking the graphical program~~ comprises returning information specifying the data types of the one or more parameters. ~~for invoking the graphical program.~~

5. (Previously Presented) The computer accessible memory medium of claim 4, further ~~comprising~~ storing program instructions executable by a processor to:

generate data describing the data types of the parameters for invoking the graphical program;

wherein said returning the information specifying the data types of the parameters for invoking the graphical program comprises returning the data describing the data types.

6. (Currently Amended) The computer accessible memory medium of claim [[5]] 4, further storing program instructions executable by the processor to:

generate XML data describing the data types of the one or more parameters that should be passed to the graphical program when invoking execution of the graphical program;

wherein said returning the information specifying the data types of the one or more parameters comprises returning the XML data describing the data types.

3

~~wherein said generating the data describing the data types of the parameters for invoking the graphical program comprises generating XML data describing the data types of the parameters for invoking the graphical program.~~

7. (Currently Amended) The computer accessible memory medium of claim 3 ,

wherein said programmatically determining the ~~information regarding the~~ one or more parameters ~~for invoking the graphical program~~ comprises programmatically determining default values of <u>the</u> one or more of the parameters; and

wherein said returning the information ~~regarding~~ <u>specifying</u> the one or more parameters ~~for invoking the graphical program~~ comprises returning information specifying the default values.

8. (Currently Amended) The computer accessible memory medium of claim 1,

wherein said programmatically determining ~~the information regarding~~ the <u>invocation</u> interface of the graphical program comprises programmatically analyzing one or more data structures representing the graphical program to determine the ~~information regarding the~~ <u>invocation</u> interface of the graphical program.

9. (Previously Presented) The computer accessible memory medium of claim 1,
wherein the graphical program comprises a plurality of interconnected nodes that visually indicate functionality of the graphical program.

10. (Previously Presented) The computer accessible memory medium of claim 1,

wherein the graphical program comprises a graphical data flow program.

11. (Previously Presented) The computer accessible memory medium of claim 1,
wherein the graphical program comprises a block diagram portion and a user interface portion.

4

12. (Currently Amended) The computer accessible memory medium of claim 1,

wherein said receiving the request ~~for information regarding~~ to determine the invocation interface of the graphical program comprises receiving an invocation of one of a method or a function.

13. (Currently Amended) The computer accessible memory medium of claim 1,

wherein said receiving the request ~~for information regarding~~ to determine the interface of the graphical program comprises receiving a message requesting the ~~information regarding the~~ invocation interface of the graphical program.

14. (Cancelled).

15. (Currently Amended) A computer accessible memory medium ~~comprising~~ storing program instructions executable by a processor to:

programmatically request information ~~regarding~~ specifying an invocation interface of a stored graphical program, wherein the invocation interface is usable to invoke execution of the graphical program;

receive the information ~~regarding~~ specifying the invocation interface of the graphical program in response to the request, wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and ~~, wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and~~

invoke execution of the graphical program ~~according to~~ using the received information ~~regarding~~ specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

5

16-17. (Cancelled).

18. (Currently Amended) The computer accessible memory medium of claim [[17]] 15,

wherein said receiving the information ~~regarding~~ specifying the one or more parameters ~~for invoking the graphical program~~ comprises receiving information specifying data types of the one or more parameters; and ~~for invoking the graphical program; and~~

wherein said ~~invoking execution of the graphical program with the one or more parameters comprises~~ passing the one or more parameters to the graphical program comprises passing one or more parameters having the specified data types. ~~specified by the information.~~

19. (Currently Amended) The computer accessible memory medium of claim [[17]],

wherein said receiving the information ~~regarding~~ specifying the one or more parameters ~~for invoking the graphical program~~ comprises receiving information specifying default values of one or more of the parameters; and ~~for invoking the graphical program; and~~

wherein said ~~invoking execution of the graphical program with the one or more parameters comprises~~ passing the one or more parameters to the graphical program includes passing one or more parameters having the default values specified by the information.

20. (Previously Presented) The computer accessible memory medium of claim 15,

wherein the graphical program comprises a plurality of interconnected nodes that visually indicate functionality of the graphical program.

21. (Previously Presented) The computer accessible memory medium of claim 15, wherein the graphical program comprises a graphical data flow program.

22. (Currently Amended) The computer accessible memory medium of claim 15,

wherein said programmatically requesting the information ~~regarding~~ specifying the invocation interface of the graphical program comprises calling one or more methods or one or more functions to request the information ~~regarding~~ specifying the invocation interface of the graphical program.

23. (Currently Amended) The computer accessible memory medium of claim 15,

wherein said programmatically requesting the information ~~regarding~~ specifying the invocation interface of the graphical program comprises programmatically sending a message to request the information ~~regarding~~ specifying the invocation interface of the graphical program.

24. (Currently Amended) A computer-implemented method comprising:

utilizing a computer to perform:

receiving from a requesting program a request ~~for information regarding an~~ to determine an invocation interface of a stored graphical program, wherein the ~~information regarding the~~ invocation interface ~~of the graphical program includes information for invoking~~ is usable to invoke execution of the graphical program;

programmatically determining the ~~information regarding the~~ invocation interface of the graphical program in response to the request, wherein programmatically determining the invocation interface includes programmatically determining one or more

parameters that should be passed to the graphical program when invoking execution of the graphical program; and

returning ~~the~~ information ~~regarding~~ specifying the invocation interface of the graphical program to the requesting program.

25. (Currently Amended) A computer-implemented method comprising:

programmatically requesting information ~~regarding~~ specifying an invocation interface of a stored graphical program, wherein the invocation interface is usable to invoke execution of the graphical program;

receiving the information ~~regarding~~ specifying the invocation interface of the graphical program in response to the request, , wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and ~~wherein the~~ ~~information regarding the interface of the graphical program includes information for~~ ~~invoking execution of the graphical program; and~~

invoking execution of the graphical program ~~according to~~ using the received information ~~regarding~~ specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

26. (Currently Amended) A computer-implemented method comprising:

a test executive application programmatically requesting information ~~regarding~~ specifying an invocation interface of a stored graphical program, wherein the invocation interface is usable to invoke execution of the graphical program;

the test executive application receiving the information ~~regarding~~ specifying the invocation interface of the graphical program in response to the request, , wherein receiving the information includes receiving information specifying one or more

parameters that should be passed to the graphical program when invoking execution of the graphical program; and ~~wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and~~

the test executive application invoking execution of the graphical program ~~according to~~ using the received information ~~regarding~~ specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

27. (Currently Amended) A system comprising:

~~a processor;~~

~~a memory coupled to the processor;~~

one or more processors;

memory storing program instructions;

wherein the ~~processor is operable to execute~~ program instructions stored in the memory are executable by the one or more processors to:

receive from a requesting program a request ~~for information regarding an~~ to determine an invocation interface of a stored graphical program, wherein the invocation interface is usable to invoke execution of the graphical program;

programmatically determine the ~~information regarding the~~ invocation interface of the graphical program[[,]] in response to the request, wherein programmatically determining the invocation interface includes programmatically determining one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and ~~wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and~~

return ~~the~~ information ~~regarding~~ specifying the invocation interface of the graphical program to the requesting program.

9

28. (Currently Amended) A system comprising:

~~a processor;~~

~~a memory coupled to the processor;~~

one or more processors;

memory storing program instructions;

wherein the ~~processor is operable to execute~~ program instructions stored in the memory are executable by the one or more processors to:

programmatically request information ~~regarding~~ specifying an invocation interface of a stored graphical program, wherein the invocation interface is usable to invoke execution of the graphical program;

receive the information ~~regarding~~ specifying the invocation interface of the graphical program in response to the request, wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and ~~wherein the information regarding the interface of the graphical program includes information for invoking execution of the graphical program; and~~

invoke execution of the graphical program ~~according to~~ using the received information ~~regarding~~ specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

10